

#nasaice

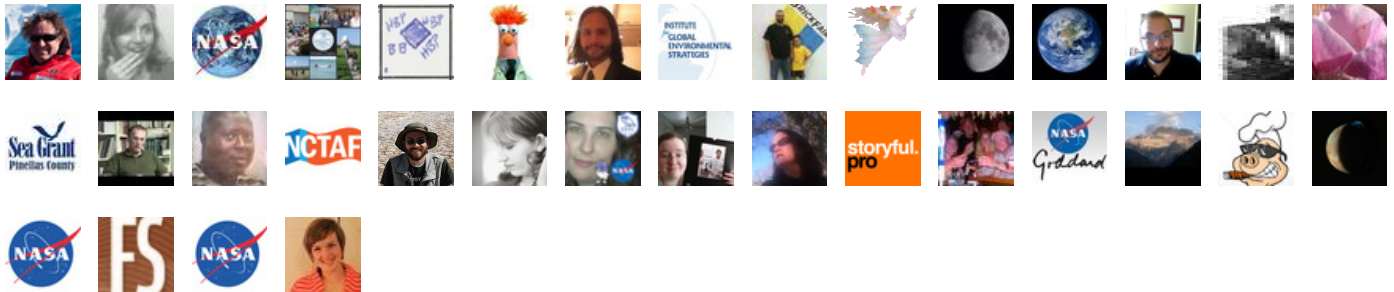
Thorsten Markus Twitter Chat

Thorsten Markus, polar scientist at NASA, answered questions on Twitter during Earth Science Week.

Trending Words

rt, ice, @nasa_ice, @nasa_ice:, polar, thorsten, sea, send, using, chat, icesat-2, twitter, @mrdpetersen:, #esw12, now

Event Participants





RT @MrDPetersen: @NASA_ICE Thank you very much, my students and I really enjoyed it! #petersensci #nasaice

16-Oct-12 18:23 | AntarcticHorse



RT @AMSEducation: It was really fun getting to see students/teachers/scientists interact! Thanks to @NASA_ICE! #nasaice #esw12 #STEM

16-Oct-12 18:23 | AntarcticHorse



RT @NASA_ICE: And check out our lab's website, <http://t.co/M0RqXtDz> for more cryosphere info #nasaice

16-Oct-12 18:20 | PopoagieForever



RT @AMSEducation: It was really fun getting to see students/teachers/scientists interact! Thanks to @NASA_ICE! #nasaice #esw12 #STEM

16-Oct-12 18:19 | NASA_ICE



It was really fun getting to see students/teachers/scientists interact! Thanks to @NASA_ICE! #nasaice #esw12 #STEM

16-Oct-12 18:18 | AMSEducation



RT @MrDPetersen: @NASA_ICE Thank you very much, my students and I really enjoyed it! #petersensci #nasaice

16-Oct-12 18:17 | AMSEducation



RT @MrDPetersen: @NASA_ICE Thank you very much, my students and I really enjoyed it! #petersensci #nasaice

16-Oct-12 18:15 | NASA_ICE



RT @MrDPetersen: @NASA_ICE Another question from a student: Who do you regard as your inspiration? #nasaice

16-Oct-12 18:15 | AntarcticHorse



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16-Oct-12 18:15 | AntarcticHorse



RT @NASA_ICE: .@AMSEducation Maybe Math, but the arts fostered my creativity, for thinking outside the box #nasaice

16-Oct-12 18:15 | drewbenn



@NASA_ICE Thank you very much, my students and I really enjoyed it! #petersensci #nasaice

16-Oct-12 18:10 | MrDPetersen



And check out our lab's website, <http://t.co/M0RqXtDz> for more cryosphere info #nasaice

16-Oct-12 18:08 | NASA_ICE



@NASA_ICE Whoa! My mind is blown. Where can I find this research? I imagine it'd be hard to explain in 140 characters or less. #nasaice

16-Oct-12 18:08 | PhillipMedMar



We run out of time! Thanks for all your great questions, sorry I didn't answer all. Keep following us to learn about ice. #nasaice #ESW12

16-Oct-12 18:07 | NASA_ICE



.@MrDPetersen It was Keith Richards, now it's the balance of the earth system... isn't it remarkable how it all works together? #nasaice

16-Oct-12 18:05 | NASA_ICE



.@karenmather87 I think the models are remarkable -- certainly not perfect, but what prediction is perfect? #nasaice

16-Oct-12 17:58 | NASA_ICE



@NASA_ICE Another question from a student: Who do you regard as your inspiration? #nasaice

16-Oct-12 17:58 | MrDPetersen



@AMSEducation I've got 27 8th grade Earth Science students in front of me right now! #nasaice

16-Oct-12 17:56 | MrDPetersen



.@AMSEducation Oh man, yes. I used to go to the Arctic and Antarctic and also flew over them in helicopters and planes. #nasaice

16-Oct-12 17:56 | NASA_ICE



@MrDPetersen What grade do you teach? #nasaice #esw12

16-Oct-12 17:55 | AMSEducation



.@PhillipMedMar As a matter of fact, I was involved in research about the Jupiter icy moons. So yes, there are analogies #nasaice

16-Oct-12 17:55 | NASA_ICE



RT @PhillipMedMar: @NASA_ICE does any of the research you do tell us anything about other sheets of ice in cosmos? #nasaice

16-Oct-12 17:55 | NASA_ICE



RT @NASA_ICE: .@MrDPetersen Easy: seeing the penguins coming out of the water and then standing right next to us. Fantastic! #nasaice

16-Oct-12 17:54 | AMSEducation



RT @MrDPetersen: @NASA_ICE Question from a student: What was your favorite experience in the field as a scientist? #nasaice

16-Oct-12 17:54 | AMSEducation



.@mwMathSci Absolutely, especially at the end of the glaciers (termini) there are large seasonal & monthly variations... even daily #nasaice

16-Oct-12 17:53 | NASA_ICE



RT @mwMathSci: #nasaice we've seen seasonal fluctuations in sea ice data... Are there seasonal fluctuations in glacial flow rates seasonally, monthly?

16-Oct-12 17:53 | NASA_ICE



RT @nasa_ice: .@AMSEducation Maybe Math, but the arts fostered my creativity, for thinking outside the box #nasaice

16-Oct-12 17:51 | IGESnews



.@MrDPetersen Easy: seeing the penguins coming out of the water and then standing right next to us. Fantastic! #nasaice

16-Oct-12 17:51 | NASA_ICE



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16-Oct-12 17:51 | NASA_ICE



@NASA_ICE does any of the research you do tell us anything about other sheets of ice in cosmos? #nasaice

16-Oct-12 17:50 | PhillipMedMar



I am following the Twitter chat with Thorsten Markus, PI of ICESat-2. There have been some excellent questions! @NASA_ICE #nasaice

16-Oct-12 17:48 | mbccohen



RT @NASA_ICE: .@weermanreinier I haven't seen an estimate yet. I should ask. #nasaice

16-Oct-12 17:47 | FelizViajeAmor



#nasaice we've seen seasonal fluctuations in sea ice data... Are there seasonal fluctuations in glacial flow rates seasonally, monthly?

16-Oct-12 17:47 | mwMathSci



#ESW12 RT @nasa_ice: I have a PhD in #physics, which involves a lot of math -- but there's also #chemistry, #biology and #geography #nasaice

16-Oct-12 17:45 | AMSEducation



RT @NASA_ICE: .@MrDPetersen Here's an awesome NASA animation on ocean circulation #nasaice <http://t.co/ON2ODhjU>

16-Oct-12 17:45 | FelizViajeAmor



.@weermanreinier I haven't seen an estimate yet. I should ask. #nasaice

16-Oct-12 17:43 | NASA_ICE



RT @MrDPetersen: What climate data scares you the most (has the greatest implication for scary future events)? #nasaice

16-Oct-12 17:43 | FelizViajeAmor



.@MrDPetersen Here's an awesome NASA animation on ocean circulation #nasaice <http://t.co/ON2ODhjU>

16-Oct-12 17:42 | NASA_ICE



.@MrDPetersen The global ocean circulation, because it shows that things we do to the Chesapeake Bay may affect far away places #nasaice

16-Oct-12 17:41 | NASA_ICE



RT @MrDPetersen: What climate data scares you the most (has the greatest implication for scary future events)? #nasaice

16-Oct-12 17:41 | NASA_ICE



RT @mwMathSci: #nasaice @NASA_ICE are they affected differently by climate change?

16-Oct-12 17:39 | AntarcticHorse



RT @AMSEducation: @NASA_ICE which class do you [TM] helped you the most to get where you are today? #education #STEM #esw12 #nasaice

16-Oct-12 17:39 | AntarcticHorse



RT @mwMathSci: #nasaice @NASA_ICE so sea ice is inherently more volatile/variable?

16-Oct-12 17:39 | AntarcticHorse



.@PhillipMedMar I'm not an expert, but I doubt it. For anything we do in Antarctica, we have pretty strict environmental regulations #nasaice

16-Oct-12 17:37 | NASA_ICE



RT @NASA_ICE: .@mwMathSci I'd like to say sea ice is more complex, but then the ice sheet people might get angry ;-) #nasaice

16-Oct-12 17:37 | FelizViajeAmor



RT @NASA_ICE: .@AMSEducation You learn the subject matter later in grad school, anyhow #nasaice

16-Oct-12 17:36 | FelizViajeAmor



RT @AMSEducation: @NASA_ICE which class do you [TM] helped you the most to get where you are today? #education #STEM #esw12 #nasaice

16-Oct-12 17:35 | FelizViajeAmor



RT @NASA_ICE: .@AMSEducation Maybe Math, but the arts fostered my creativity, for thinking outside the box #nasaice

16-Oct-12 17:35 | FelizViajeAmor



.@mwMathSci I'd like to say sea ice is more complex, but then the ice sheet people might get angry ;-) #nasaice

16-Oct-12 17:34 | NASA_ICE



RT @mwMathSci: #nasaice @NASA_ICE so sea ice is inherently more volatile/variable?

16-Oct-12 17:34 | NASA_ICE



@NASA_ICE I wasn't only referring to resources. I mean, could drilling contaminate the environment of species in Lk Vostok? #nasaice

16-Oct-12 17:33 | PhillipMedMar



RT @mwMathSci: #nasaice @NASA_ICE are they affected differently by climate change?

16-Oct-12 17:33 | FelizViajeAmor



RT @NASA_ICE: .@PhillipMedMar Drilling for resources is prohibited in Antarctica by the Antarctic Treaty. #nasaice

16-Oct-12 17:33 | IceProjectShack



RT @NASA_ICE: .@AMSEducation Maybe Math, but the arts fostered my creativity, for thinking outside the box #nasaice

16-Oct-12 17:33 | AMSEducation



.@AMSEducation You learn the subject matter later in grad school, anyhow #nasaice

16-Oct-12 17:32 | NASA_ICE



Get polar perspectives on glaciers and #climate on the #nasaice twitter chat <http://t.co/frEfXzEc> #esw12

16-Oct-12 17:32 | AMSEducation



RT @AMSEducation: @NASA_ICE which class do you [TM] helped you the most to get where you are today? #education #STEM #esw12 #nasaice

16-Oct-12 17:31 | NASA_ICE



.@AMSEducation Maybe Math, but the arts fostered my creativity, for thinking outside the box #nasaice

16-Oct-12 17:31 | NASA_ICE



RT @NASA_ICE: .@PhillipMedMar Drilling for resources is prohibited in Antarctica by the Antarctic Treaty. #nasaice

16-Oct-12 17:31 | irisitacc



#nasaice @NASA_ICE so sea ice is inherently more volatile/variable?

16-Oct-12 17:29 | mwMathSci



RT @NASA_ICE: .@PhillipMedMar Drilling for resources is prohibited in Antarctica by the Antarctic Treaty. #nasaice

16-Oct-12 17:27 | FelizViajeAmor



RT @Polscientist123: @nasa_ice what is/will be the impact of disappearing ice sheet on the global climate? #nasaice

16-Oct-12 17:26 | FelizViajeAmor



.@PhillipMedMar Drilling for resources is prohibited in Antarctica by the Antarctic Treaty. #nasaice

16-Oct-12 17:26 | NASA_ICE



RT @NASA_ICE: .@_SugarAndSpikes Heat fluxes in polynyas can be two orders of magnitude greater than heat fluxes through the ice #nasaice

16-Oct-12 17:25 | FelizViajeAmor



.@Polscientist123 Melting of the ice sheets will increase sea level and affect ocean circulation because of the fresh water influx #nasaice

16-Oct-12 17:24 | NASA_ICE



RT @Polscientist123: @nasa_ice what is/will be the impact of disappearing ice sheet on the global climate? #nasaice

16-Oct-12 17:24 | NASA_ICE



RT @NASA_ICE: .@GeologyDave Absolutely!! We'll be taking altimetry measurements all over the world. Including your garden. #nasaice

16-Oct-12 17:24 | FelizViajeAmor



@NASA_ICE do you think there are any potential problems with Russia, or any other country, drilling in Antarctica? #nasaice

16-Oct-12 17:23 | PhillipMedMar



RT @NASA_ICE: .@brandibernoskie And it's fun! #nasaice

16-Oct-12 17:23 | FelizViajeAmor



.@_SugarAndSpikes Heat fluxes in polynyas can be two orders of magnitude greater than heat fluxes through the ice #nasaice

16-Oct-12 17:21 | NASA_ICE



RT @NASA_ICE: .@mwMathSci V different. Glacier ice is fresh water from mountains or ice sheets whereas sea ice is frozen ocean. #nasaice

16-Oct-12 17:20 | FelizViajeAmor



@NASA #nasaice What would you say to help people understand that ice caps, while far away, affect all of us?

16-Oct-12 17:20 | PinellaSeaGrant



.@KeithDean6 The Arctic and Antarctica are two different systems and global warming does not mean it warms uniformly everywhere #nasaice

16-Oct-12 17:20 | NASA_ICE



#nasaice @NASA_ICE are they affected differently by climate change?

16-Oct-12 17:18 | mwMathSci



@nasa_ice what is/will be the impact of disappearing ice sheet on the global climate? #nasaice

16-Oct-12 17:18 | Polscientist123



RT @NASA_ICE: Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 17:15 | KaySturdy



RT @NASAedu: Twitter chat on NASA polar science starts in 4 minutes. Get your questions ready! <http://t.co/NPfm1v6B> #NASAESW #nasaice

16-Oct-12 17:14 | NCTAF



.@MrDPetersen It's extremely playful -- playing with lots and lots of satellite data and learning something new every day. #nasaice

16-Oct-12 17:14 | NASA_ICE



#nasaice what is the difference between glacier ice data and sea ice data... Do they tell different stories?

16-Oct-12 17:13 | mwMathSci



.@GeologyDave Absolutely!! We'll be taking altimetry measurements all over the world. Including your garden. #nasaice

16-Oct-12 17:13 | NASA_ICE



.@NASA_ICE Perhaps I got ahead of myself. What is status of ICESat-2? Last status update on website was Nov 2011. #nasaice

16-Oct-12 17:12 | GeologyDave



.@brandibernoskie And it's fun! #nasaice

16-Oct-12 17:12 | NASA_ICE



RT @NASA_ICE: Getting ready for our Twitter chat with polar scientist Thorsten Markus! Send in classroom questions using #nasaice <http://t.co/oEpJnbaU>

16-Oct-12 17:09 | FelizViajeAmor



I'm here with 25 8th grade Earth Science students and one student would like to know what the day to day duties are as a polar sci? #nasaice

16-Oct-12 17:09 | MrDPetersen



.@NASA_ICE Any chance ICESat-2 will collect altimetry over non-glaciated Arctic lands? I'm thinking Siberia. #nasaice

16-Oct-12 17:09 | GeologyDave



@NASA_ICE #nasaice When you decided becoming a rock star might not happen, why did you choose physics over math for a major?

16-Oct-12 17:09 | brandibernoskie



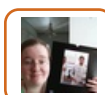
RT @NASA_ICE: Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 17:06 | FelizViajeAmor



@NASA_ICE #nasaice I think the solar cycles have an impact on our weather and seasons. Whats your thoughts on this?

16-Oct-12 17:05 | Sunset_Twilight



RT @NASA_ICE: Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 17:04 | Honey_Bunny_



RT @NASA_ICE: Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 17:04 | AntarcticHorse



.@Atoyota The ozone hole is changing polar winds, which spreads the ice more northward and increases freezing along Antarctic coast #nasaice

16-Oct-12 17:01 | NASA_ICE



For #nasaice: can you comment in increasing #Antarctic sea ice and #globalwarming, since you have published research on that subject?

16-Oct-12 17:01 | oakden_wolf



RT @NASA_ICE: Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 16:59 | mobarbaq



#nasaice Also would like to ask if true polar wander has any relationship to polar ice mass

16-Oct-12 16:59 | Atoyota



Thorsten Markus is now available for questions! Send your ice & ICESat-2 inquiries using #nasaice

16-Oct-12 16:58 | NASA_ICE



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16-Oct-12 16:57 | KaySturdy



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16-Oct-12 16:57 | Atoyota



Twitter chat on NASA polar science starts in 4 minutes. Get your questions ready! <http://t.co/NPfm1v6B> #NASAESW #nasaice

16-Oct-12 16:56 | NASAedu



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16-Oct-12 16:56 | FrontierSi



#nasaice Any conclusions on why the southern icecap is growing while the northern is receding?

16-Oct-12 16:55 | Atoyota



Twitter chat at 1pm ET today: NASA scientist Thorsten Markus on everything you want to know about polar ice. <http://t.co/pHy8l1Hz> #nasaice

16-Oct-12 16:53 | NASA



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16-Oct-12 16:47 | AntarcticHorse



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16-Oct-12 16:37 | libbydoodle



Getting ready for our Twitter chat with polar scientist Thorsten Markus! Send in classroom questions using #nasaice <http://t.co/oEpJnbaU>

16-Oct-12 16:37 | NASA_ICE



Plan on bringing one of my classes to the @NASA chat with Thorsten Markus, Excited at the possibilities! @nasa_ice #nasaice #petersensci

16-Oct-12 12:34 | MrDPetersen